

Application No. 10/599,807
 Amendment dated June 21, 2010
 Reply to Office Action dated March 23, 2010

Amendments to the Specification:

Please replace paragraph [0093] with the following amended paragraph:

[0093] Table 1:

Compositions in wt. % based on the oxide of borosilicate glass in accordance with the invention

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18
SiO ₂	63.5	63.5	62.5	71	61	69	61	61	64.5	60.99	56.2	63.5	77	70	57	63.5	61	65
B ₂ O ₃	30	29.9	28	21	21	16	22	36	25.5	22	18	29	14.5	10.7	27	29	37	33
Al ₂ O ₃			4			2.75					6.63		4	4				
P ₂ O ₅						2.75												
Na ₂ O	6.5	6.5		7		6	3	2.99	4.7	5	3.7	6.5	3.5	2.8	6	5.5		
Li ₂ O											1.84							
K ₂ O							4				5.64		1	3.6				
BaO			5															
CaO						3								2.1				
MgO																		
SrO																		
ZnO				18		9.95				0.28				2.5	10			
SO ₃										5.37								
Ag ₂ O		0.1	0.5	1		0.5	0.05	0.01	5	0.01	0.21	1			2	2	2	
CuO										2	2.07							
GeO ₂																		
TeO ₂									1	0.04								
Cr ₂ O ₃									1	0.01								
ZrO ₂														4.3				
[[Jod]]										0.01								
I																		
Br																		
Cl																		
La ₂ O ₃								0.3										

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Please replace paragraph [0118] with the following amended paragraph:

[0118] Table 13:

Compositions (synthesis values) [wt. %] of glass compositions in accordance with the invention

	Version 37	Version 38	Version 39	Version 40	Version 41	Version 42	Version 43	Version 44
P ₂ O ₅	33.5	32.5	35	35.9	32.5	32.5	32.5	35
SO ₃	15	15	16	14	15	15	15	15
B ₂ O ₃								
Al ₂ O ₃								
SiO ₂								
Li ₂ O								
Na ₂ O	14.6	14.6	12.999	14.6	14.5	14.6	14.6	15
K ₂ O								
CaO	3.3	3.3	2.4	35	11	3.3	3.3	10
MgO								
SrO								
BaO								
ZnO	33.6	33.6	33.6		26.5	33.6	33.6	25
Ag ₂ O		1	0.0001	0.5	0.5	0.1		
CuO						0.3		
GeO ₂								
TeO ₂								
Cr ₂ O ₃						0.6		
[[J]] I							1	